

# Receiving Report

Date: 13/12/19  
 Supplier: F4/SORNH

Batch No: M126389  
 Dart P/O: 20203

Packing Slip: Yes ☒ No ☐  
 Invoice: Yes ☐ No ☒  
 Receipt: Cash ☐ Cr ☐

Release Note Attached: Yes ☒ No ☐ N/A ☐  
 Waybill Attached: Yes ☐ No ☒ N/A ☐  
 Shipment Complete: Yes ☒ No ☐ N/A ☐  
 QC6 Inspection OK 13/12/20 N/A ☐  
 Work Order                      N/A ☒

## Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12                     

Production/Admin: 13/7/19  
 Date                       
 Received/Costing                       
 Initial                     

Location                     

H:\FORMS\Purchasing\approved purch\RECREPORT Rev D

MATERIAL: 17-4 PH SS BAR AS PER AMS 5604/5643  
 GRAIN MUST BE ALONG LENGTH OF BAR MIN. YIELD  
 TENSILE STRENGTH = 100 KSI MIN. ULTIMATE TENSILE  
 STRENGTH = 150 KSI.

1	M174B1.250X02.000	17-4 SS Bar 1.250 x 2.00	6/24/2013	12.00	\$328.00
			Yes	f	
			6/24/2013		
				<u>13/12/19</u>	
					Line Total: \$328.00
2	M174B1.250X02.000	17-4 SS Bar 1.250 x 2.00	6/24/2013	24.00	\$768.00
			Yes	f	
	AS ABOVE		6/24/2013		
				<u>24.4</u>	
				<u>13/12/26</u>	
					Line Total: \$768.00
3	M174B1.500X02.250	17-4 SS Bar 1.50 X2.250	6/24/2013	24.00	\$1,044.00
			Yes	f	
	AS ABOVE		6/24/2013		
				<u>23-1</u>	

PO Instructions: QUOTATION: NO. PEC ST-577779  
 QUOTATION: NO PEC ST-576671

Note:

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Ship From: B I L L O F L A D I N G  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 832540  
Ship Date 19Jul13 at 15:26 From PFW  
Probill  
Via TRANSFER TRUCK  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7

Ship To: ( 1)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7  
Tel: 613-632-9577 Fax: 613-632-1053

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B I L L O F L A D I N G

MTR

1) Our Order PEC-578302- 2 Your PO # 20203  
STAINLESS STEEL PLATE 17-4 STAINLESS  
.250" THICK X 4.0000" X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
839868	199888	4.00 SFT	1	45
TOTAL:		Tags 1	PCS 1	LBS 45

ADD ON TO 578301 SUR-CHARGE ADDED

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.  
ATTN: CHANTAL/LINDA  
\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*  
BACK ORDER FROM OUR PREVIOUS B/L# 828501

1 - planche  
1/3/1/19

TOTAL OF 1 BDL GR.W. 70 LBS

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*

Page: 1 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT  
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY  
RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

SHIP FROM:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

SHIP TO: ( 1 )  
DART AEROSPACE

B I L L O F L A D I N G  
No: PEC 832540  
Ship Date 19Jul13 at 15:26 From PFW  
Probill  
Via TRANSFER TRUCK  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115 )  
DART AEROSPACE

B I L L O F L A D I N G

\*\*\*\* TEL. 800-926-2600 \*\*\*\*

\*\*\*\*\*

\* WE STOCK STAINLESS STEEL \*

\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*

\*\*\*\*\*

\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER.\*\*\*

Page: 2 .... Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER



# Certificate of Test

*Stephen Wolff*  
Stephen Wolff - Director, Corporate Quality Assurance

500 Green Street  
Washington, PA 15301

**Mill Information**  
Cert Number 0117320-00  
Sales Order 50-043-167  
Cert Date May-17-2013

**Customer Information**  
Name COPPER & BRASS SALES INC  
PO 5400179504-R04  
PO Date Apr-08-2013

**Sold to:** COPPER & BRASS SALES INC  
CORPORATE SALES DIVISION  
PO BOX 5116  
SOUTHFIELD, MI 48086

**Ship to:** COPPER & BRASS ELKHART  
1015 SAINT JEROME ST  
MISHAWAKA, IN 46544

## Material Information

ATI 17-4" PRECIPITATION HARDENABLE STAINLESS STEEL  
PMP HOT ROLLED PLATE ANNEALED PICKLED COMMERCIAL CUT EDGE

ASTM-A-693-06 CND A/H900  
AMS 5604F CND A/H900

ASME-SA-693-10 CND A/H900  
UNS S17400

## Piece Information

	Gauge	Width	Length					Total Wt
Pcs	(in)	(in)	(in)	Heat #	Piece ID	Section Id	Lot #	(lbs)
Item: 001	Cust-Id: SSFLR00532			Govt-Contract-#:		Govt-DO-Rating:		
	Cust-Job:			ScheduleB:				
1	.2500	48.0000	144.0000	839868	AB04608-0001	---	423175	536
1	.2500	48.0000	144.0000	839868	AB04608-0002	---	423175	536
1	.2500	48.0000	144.0000	839868	AB04609-0001	---	423175	536
1	.2500	48.0000	144.0000	839868	AB04609-0002	---	423175	536
1	.2500	48.0000	144.0000	839868	AB04610-0001	---	423175	536
1	.2500	48.0000	144.0000	839868	AB04610-0002	---	423175	536

## Chemistry Testing

Element	Requirements		Final Heat Analysis	
	Min	Max	839868	Loc
C	---	.07	.04	BN
MN	---	1.00	.48	BN
P	---	.040	.024	BN
S	---	.030	< .001	BN
SI	---	1.00	.22	BN
CR	15.00	17.50	15.49	BN
NI	3.00	5.00	4.76	BN
MO	---	.50	.20	BN
CU	3.00	5.00	3.24	BN
CB	.15	.45	.25	BN
TA	---	---	.010	TC

From: ThyssenKrupp Materials NA  
Cust: THYSSENKRUPP MATERIALS NA - ECAD  
Star  
Wgt.: 45.000 LB  
Cstor 249478  
Date 07/16/2013  
Del.: 2402569313

*John P. Smith*

Wgt.: 45.000 LB

Star

Cust. THYSSENKRUPP MATERIALS NA - ECAD

Cstor 249478

Date 07/16/2013

Del.: 2402569313

From: ThyssenKrupp Materials NA



# Certificate of Test

*Stephen Wolff*  
Stephen Wolff - Director, Corporate Quality Assurance

## Mill Information

Cert Number 0117320-00  
Sales Order 50-043-167  
Cert Date May-17-2013

## Customer Information

Name COPPER & BRASS SALES INC  
PO 5400179504-R04  
PO Date Apr-08-2013

## Chemistry Testing

Element	Requirements		Final Heat Analysis	
	Min	Max	839868	Loc
CBT	.15	.45	.26	BN
CBC	5.00	---	6.76	BN

Allegheny Ludlum performs chemical analysis by the following techniques:  
C, S by combustion/infrared; N, O, H by inert fusion/thermal conductivity;  
Mn, P, Si, Cr, Ni, Mo, Cu, Pb, Co, V, by WDXRF; Pb, Bi, Ag by GFAA;  
B by OES; Al and Ti (>=0.10%) by WDXRF, otherwise by OES.

839868 - Material was produced by EF melting with AOD refining.

CBC = Cb / C

CBT = Cb + Ta

## Mechanical Testing

		LOT 423175		LOT 423175	
Condition:		ANNEALED		H900	
Direction:		TRANSVERSE		TRANSVERSE	
Temperature:		ROOM TEMP		ROOM TEMP	
Spec:					
Test Limit	Units	Result	Loc	Result	Loc
HARDNESS	---	335. HBW	TC	44.0 HRC	TC
YIELD 0.2%	psi	---	--	191000.	TC
TENSILE	psi	---	--	200000.	TC
ELONGATION	%	---	--	10.	TC
RED OF AREA	%	---	--	55.	TC

"H", "TH", "RH", and other heat treated values are capability test results.


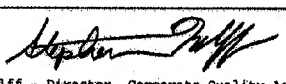
## Mechanical Property Requirements

Condition:		ANNEALED		H900	
Direction:		TRANSVERSE		TRANSVERSE	
Temperature:		ROOM TEMP		ROOM TEMP	
Spec:					
Test Limit	Units	Min	Max	Min	Max
YIELD 0.2%	psi	---	---	170000.	---

*OK 13/07/20*

*John J. Gambetti*

From: ThyssenKrupp Materials NA  
 Cust. THYSSENKRUPP MATERIALS NA - ECAD  
 Del.: 2402569313  
 CstOr 249478  
 Date 07/16/2013  
 Wgt.: 45.000 LB  
 EstAr

	<h1>Certificate of Test</h1>		 <small>Stephen Wolff - Director, Corporate Quality Assurance</small>
	<b>Mill Information</b>		<b>Customer Information</b>
<b>500 Green Street Washington, PA 15301</b>	<b>Cert Number</b> 0117320-00 <b>Sales Order</b> 50-043-167 <b>Cert Date</b> May-17-2013	<b>Name</b> COPPER & BRASS SALES INC <b>PO</b> 5400179504-R04 <b>PO Date</b> Apr-08-2013	

### Mechanical Property Requirements

Condition:		ANNEALED		H900	
Direction:		TRANSVERSE		TRANSVERSE	
Temperature:		ROOM TEMP		ROOM TEMP	
Spec:					
Test Limit	Units	Min	Max	Min	Max
TENSILE	psi	---	---	190000.	---
ELONGATION	%	---	---	8.	---
RED OF AREA	%	---	---	30.	---
HARDNESS	---	---	352. HBW	40. HRC	47. HRC

*CP*  
13/07/20

### Metallography - General

Ferrite <= 5% per periodic test requirement.

### Certification Statements

Allegheny Ludlum does not use mercury in the testing or production of its products.

Material is of USA melt and manufacture.

No welds/weld repairs performed.

Knowingly and willfully recording any false, fictitious or fraudulent statement or entry on this document may be punished as a felony under Federal Statutes, including Federal Law, Title 18, Chapter 47.

Material is compliant with the European Union Directive 2011/65/EU - Restriction of Hazardous Substances (ROHS2).

DIN EN 10204:2005 3.1 Certificate

### General Statements

TESTING WAS PERFORMED AT THE FOLLOWING LOCATIONS

BN = ATI-ALLEGHENY LUDLUM; 100 River Road; Brackenridge, PA 15014

TC = ATI-ALLEGHENY LUDLUM; 1300 Pacific Avenue; Natrona Heights, PA 15065

WARNING: Processing that makes fumes, dust, or solutions may cause lung disease. Please see MSDS for further information which has been supplied to your Purchasing Department. For an additional copy, please refer to our web site at [www.alleghenyludlum.com/pages/assistance/MSDS.asp](http://www.alleghenyludlum.com/pages/assistance/MSDS.asp).

For access to online Certifications of Test, please register at [www.alcextra.com](http://www.alcextra.com).

The above is a true copy of the data on file. The material and test results conform to the sales contract and specification(s) as set forth in ATI Allegheny Ludlum's order acknowledgement. This certificate of Test may not be reproduced except in full without the written authorization of the company.

ATI Allegheny Ludlum's website contains a listing of material produced, general technical and contact information, and current quality and company accreditations including but not limited to ISO-9001, AS-9100, Nadcap, and ISO/IEC 17025. Please visit us at [www.alleghenyludlum.com](http://www.alleghenyludlum.com).

*John R. Smith*

## Page 1 of 1

All amounts are calculated in domestic currency.

Purchase Order ID/ Curr Type	Line Nbr/ Insp	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID\Vendor Name PO20203 CAD	1 No	VC-COP001	Thyssenkrupp Materials CA Ltd M174B0.250X4.000 f 17-4 SS Bar .250 X f 4.00 m126389		6/24/2013 12.0000 7/19/2013 DES102		12.0000	\$25.99 \$311.86	0.0000 0.0000	0 0	\$311.86
<div><div>Total Received Quantity:</div><div>12.0000</div></div> <div><div>Total Qty to Inspect (PO U/M):</div><div>0.0000</div></div> <div><div>Total Reject Quantity:</div><div>0.0000</div></div> <div><div>Total Receipt Value:</div><div>\$311.86</div></div> <div><div>Total Balance Due Quantity:</div><div>0.0000</div></div>											